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Secrtl. II-27—58,004—27-10-47

E. PH (1948) Department.

M& SERIES.

G.O. NO.	2323 PH 9
Dated	8-7-48

Closed
4
8/1948

[Despatch Abstract.]

Drainage Scheme — Mangalore 4/4

Supplemental investigation

Sanctioned

Ref: C5/.....

Municipal Office, Mangalore
Dated 2nd December, 1947.

From

Sri M.Narayana Shenoy, B.A., B.L.
Commissioner, Mangalore Municipality, Mangalore.

To

The Secretary to Government,
Education and Public Health Department, Fort St. George,
Madras.

Thro'

The Sanitary Engineer to Government
of Madras, Madras.
The Collector of South Kanara, Mangalore, and
The Chairman, Municipal Council, Mangalore

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Sir,

Sub: Mangalore Municipality - Drainage scheme - Investigation of.

I submit a copy of the municipal council's Res.No. 87 dated 29-11-47 for your kind information and request the Government may be pleased to issue necessary orders for the starting of the investigation of the drainage scheme for this municipality. The necessary cost of investigation would be paid.

FORWARDED
Sd/- Gangadhar Das
Chairman, M.C.

Commissioner.

Copy to the Inspector of Municipal Councils & Local Boards, Old High Court Buildings, First Line Beach, Madras I. V/8-12-47.

Encls: One.

SOUTH KANARA
COLLECTOR'S OFFICE.
8 DEC 1947

R.Dis.C.No.18194-47.
Forwarded to the Sanitary Engineer Govt of Madras. Madras and recommended

Extract from the Proceedings of the Municipal Council, Mangalore, dated the 29th November, 1947.

READ:

C5/18899/47 - Government Memorandum No.21671-A1/47-7, P.H., dated the 4th November, 1947, communicating copy of the Chief Engineer's remarks on the investigations report of the Mangalore water supply scheme made by the Executive Engineer (PH) Southern Circle and requesting the views of the council in the matter as to how the council proposes to finance the following schemes:-

	Capital cost. Rs.	Maintenance co Rs.
1) Protected water supply to the Mangalore city alone at 20 gallons per head per day from Gurupur source.	46.15 lakhs.	38,000/-
2) Protected water supply from Gurupur source serving Mangalore city at 20 gallons per head per day as well as villages enroute (12 villages) at five gallons supply.	48.41 lakhs.	46,000/-
3) A scheme utilizing the Nassamar Valley source intended to serve 60,000 people at six gallons or two gallons for the ultimate population of 1,75,000 in addition to Gurupur River source (as per 1) as alternate.	Extra over & above schs... 1 & 2 about Rs.9-80 lakhs.	As this is gravitation scheme the hours of pumping wil be reduced correspondi ly in items (1) & (2) & hence the savings. Savings in scheme (1) (2) will be Rs.3,000/- & in scheme (2 will be Rs.4,000/-

...ommendation recommending No.2 scheme. Also his request to Government for sanction to execute the 1st stage of the scheme (to execute a tentative length of gallery say about 1,020 feet and extending from boring No.19 to Boring No.5 as a first stage of execution, conduct, full power tests, and then decide the exact length of gallery required) in advance of the preparation of detailed plans and estimates, with Commissioner's suggestion that the Government may be requested to approve of the Chief Engineer's proposals and to request Government for half grant nd half loan for meeting the cost, the council agreeing to increas the water tax to such level as Government may consider necessary to advance the loan.

Res.No.87 dated 29-11-47.

This Council agrees with the recommendation of the Chief Engine that the composite scheme with the Gurupur River sour to serve the municipality and the villages enroute be adopted and requests Government that as suggested by the Chief Engineer, the construction of a suitable gallery as a first stage, be sanctioned. This council further requests that the scheme be financed on the usual half loan and half grant basis, the Council agreeing to raise the rates ...to enable it to pay the annuity

Resolved that Government may be requested to immediately start acquisition proceedings under the Land Acquisition Act for acquisition of private lands required for the scheme.

Resolved that Government be requested to supply bulk

electric power to the South Kanara District immediately from one or the major power installations, so that the required electric power may be available for the water supply and drainage scheme.

It is further resolved that Government be requested to sanction the preliminary investigation of Mangalore drainage scheme immediately deputing suitable staff for the purpose for which the council agrees to bear the charges.

(sd) L. C. Pai,
Chairman, M. C.

(True extract)

Municipal Office, Mangalore,
Dated:

Commissioner,
Mangalore Municipality.

V/4-12-47

Office of the Sanitary Engineer to Government
Chepauk, MADRAS.

ENDORSEMENT NO. 2879-1/48 DRG./39-D-48, DATED THE 25TH MAY 1948.

2235 pww

Sub:- MANGALORE MUNICIPALITY - DRAINAGE SCHEME - INVESTIGATION OF.

Ref:- Letter No. Ref. C5/...../47, dated the 2nd December 1947 from the Commissioner, Municipal Council, Mangalore, addressed to the Secretary to Government, Education & Public Health Deptt., Madras

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Forwarded.

(2) In my letter to the Commissioner No.13691-1/47/Drg, dated the 17th January 1948 (copy enclosed), I have explained the positio clearly, pointing out the financial commitments involved by the proposed by Drainage scheme, and the advantages of taking it up side by side with the Water Supply scheme for the town. The Commissioner has replied (vide copy enclosed) by enclosing a copy of the Govt. Memo reading agreeing to meet the cost of the investigation, but apparently the council has not gone into the question of finance for the scheme at this stage.

(3) Attention is here invited to this office Endorsement No. 6345/45-Drge., dated the 3rd July 1945, wherein it was stated that in view of its low rank in the provincial compendium, the drainage scheme for this town must await its turn in the usual course. Subsequently, the ~~towns~~ town's Water Supply scheme has been investigated, and is now under active consideration. Mangalore Drainage has been accorded a fairly high place in the priority lists proposed by the Water Supply and Drainage Committee. This apart, for a town of its magnitude and importance, it is desirable that water supply and drainage are dealt with as simultaneous problems instead of postponing the question of drainage to an indefinite later period. In my letter dated the 17th January 1948 to the Municipal Commissioner, I recommend that the drainage scheme be got investigated and a scheme drawn up in advance so that the Municipality may tackle the drainage problem atleast for the needy areas of the town side by side with the execution of the Water Supply scheme.

MSR 25/5/48

Encls.: Two.
MSR/25.5.1948).

For SANITARY ENGINEER TO GOVERNMENT

To
The Chief Engineer, P. W. D.,
Water Supply and Drainage,
Chepauk :: MADRAS.

ENCLOSURE.

Copy of letter No.13691-1/47/DRG./39-D-1, dated 17-1-48 from the Sanitary Engineer to Government, Chepauk, Madras, to the Commissioner, Municipal Council, Mangalore.

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Sub:- Mangalore Municipality - Drainage Scheme - Investigation of - regarding :-
Ref:- Your letter No.C5/...../47, dated the 2nd December 1947.

Pursuant to G.O. No.1205 P.H., dated the 7th May 1929, a drainage scheme for Mangalore was investigated and a Report sent to Government in 1932. A scheme of open drains costing about Rs.6.59 lakhs to instal and Rs.12,000/= to maintain annually was envisaged at the time; but as the Municipal Council expressed inability to finance the scheme, Government in G.O. No.116 P.H., dated 17th January 1933 recorded the proposal.

2) It may be necessary to revise the very basis of that scheme now and recast it to suit present needs and the increased populatiy of the town. An underground sewerage scheme is invariably adopted now fo

for towns of ultimate population of over 50,000 and is essential to Mangalore, taking into consideration the present population and growth, irrespective of the cost.

3) For purposes of a very rough idea as to costs it may be assumed that a comprehensive drainage scheme for the town would cost some Rs.30.0 lakhs to instal (based on an average per capital rate). It is not possible to forecast the annual maintenance charges without going into the rough outlines of the proposed scheme.

4) The question of a protected water supply to this town is now engaging the active attention of the Municipality and the Government. The scheme under contemplation is estimated to cost some Rs.50/= lakhs to instal and about Rs.58,000/=to maintain annually. It is doubtful if the financial resources of this municipality would enable it to undertake the provision of a costly drainage scheme as well at this stage. But, irrespective of this factor, it would be very desirable indeed if proposals for the drainage scheme are initiated even now so that the execution of the water supply and drainage schemes is carried out side by side, avoiding the duplication of staff and efforts resulting otherwise. In any case, the drainage scheme will become inevitable no sooner than a full fledged water supply scheme has been installed for the town. The advantages of completing the two schemes simultaneously are manifest.

5) In view of the field investigation already conducted for a drainage scheme for this town, a small supplemental investigation alone may be necessary now before drawing up a scheme. It seems to me advisable that this supplemental field work is carried out as an immediate measure and a comprehensive scheme of drainage drawn up for the entire town, so that the Municipality may be free to execute such a scheme in easy stages. The cost of the supplemental investigation involved may not exceed Rs.1,500/=.

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Copy of letter No.Ref: C5/185/48, dated the 4th March 194 from the Commissioner, Municipal Council, Mangalore, to the Sanitary Engineer to Government, Triplicane, Madras.

....

Ref: Your letter No.13691-1/47/Drg./39-D1, dated 17-1-194

I enclose a copy of Council's Res.No.51 dated 28-2-1948 on the above for kind information and urgent action. The head of account to which the money is to be remitted may please be intimated.

Encl.: One.

Extract from the Proceedings of the Mangalore Municipal Council, Mangalore, dated 28th February, 48.

Read:

C5/185/48 - Letter dated 17th Jan.48 from the Sanitary Engineer stating that in view of the field investigation already carried out for an open drainage scheme for Mangalore town a small supplemental investigation alone may be necessary now before drawing up a scheme, that this field work may be carried out as an immediate measure and a comprehensive scheme drawn for the entire town so that the Municipality may be free to executed the scheme in easy stages and that the cost of supplemental investigation involved may not exceed Rs,1,500/=.

Resolution No.51. "Sanctioned Rs.1,500/=. The Sanitary Engineer is requested to speed up the investigation.

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// T R U E C O P I E S

/SR/25.5.1948).

Office of the
Chief Engineer, P.W.D. (General)
Chepauk, Madras.

Endorsement No.2118-PWW/45-2, dated 24th June 1948.

Read.
From the Commissioner, Mangalore Municipality, Ref.C5/47 d/2-12-1947.
Sanitary Engineer's Endorsement thereon No.2879-1/48-Drg. /39-D.1,
dated 25-5-1948.
Mangalore Municipality--Drainage Scheme--Investigation of.

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7921 Forwarded to Government.

2. The investigation, which is stated to be only of a supplemental nature, may be sanctioned, as recommended by the Sanitary Engineer.

for Chief Engineer, PWD.(General).

ASSISTANT SECRETARY TO GOVERNMENT
29 JUN 1948
EDUCATION AND PUBLIC HEALTH DEPARTMENT

To the Secretary to Government,
Education and Public Health Department
with enclosures in original.

ssc/25-6.

E.&P.H.(H1)

From the Commissioner, Mangalore Mty C.S./47 (d) 2-12-47.
From the C.E.P.W.D.(G1) E.No.2118 P.W.W./45-2(d) 24-6-48.

Sub: Drainage scheme - Mangalore municipality - Supplemental investigation- sanctioned.

ORDER/Ms. 2323 P.H. dated 8.7.48

The Govt.-sanction-the-supplemental-investigation-of-a drainage scheme for Mangalore municipality at an estimated cost of Rs.1,500 (Rupees one thousand and five hundred only). The Commissioner, Mangalore Municipality is requested to place the sum of Rs. 1,500 at the disposal of the Sanitary Engineer, when demanded by him for purposes of the investigation.

To
The Commr.Mangalore Mty.
thro C.M.C.

Copy to the C.E.for Irrigation (G1)

5.7.48

S/c

entered

E.P.H.Deptt. (H1)

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From the Commr., Mangalore Mty., C.S/47(d) 2-12-47.

From the C.E.P.W.D.(G1) E.No.2118 - PWW/45-2 (d) 24-6-48.

Sub: Drainage Scheme - Mangalore Municipality -Supplemental Investigation.

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In 1932 an open drainage scheme for Mangalore Mty., was investigated. It was estimated to at a cost of Rs. 6.59 lakhs to instal and Rs. 12,000 to maintain annually was investigated but the proposals were not proceeded with further owing to the financial inability of the Municipality at the time. The Ml.Cl. has since requested the Govt. to sanction the preliminary investigation of a drainage scheme for the Mty. The Saitary Engineer while forwarding the letter of the Municipal Council states that it may be necessary to revise the very basis of that old scheme now and recast it to suit the present needs and the present population of the town. He recommends that a underground sewerage scheme is essential for Mangalore. He further adds that a comprehensive drainage scheme for the two will cost Rs. 30 lakhs to instal, and it will not be possible to forecast the annual maintenance charges without going into the rough outlines of the proposed scheme.

The plans and estimates for a water supply scheme at a cost of Rs. 50 ~~lakhs~~ lakhs to instal and Rs.58,000 to maintain annually have been sanctioned in G.O. 777 P.H. dated 12-3-48 and it is doubtful whether the financial resources of the mty. would enable ~~it~~ Mcl. to undertake the provision of a costly drainage scheme at this stage. The S.E. however states that it is desirable that water supply and drainage are dealt with as simultaneous problems instead of the question being postponed to an indefinite period. He further adds that as the field investigation for a drainage scheme has been already conducted, only a small supplemental investigation at a cost of Rs. ~~1,500/-~~ 1500/- may be necessary now for drawing up a scheme. The C.E. agrees with the S.E and recommends that the supplemental investigation may be sanctione The Ml.Cl. has sanctioned a sum of Rs. 1500 for the investigation.

As the question in this case is only investigation at this stage, the question of the council's ability to finance the scheme will come up only after the estimates have been drawn up. It is ~~not~~ therefore necessary to examine the financial ability of the Municipality at this stage. The supplemental investigation for a drainage scheme for Mangalore municipality as recommended by the S.E. and the C.E. may be sanctioned. Subject to orders, a draft order is submitted for approval.